

PM Preventive Medicine and Environmental Health

†PM 601 ENVIRONMENTAL AND OCCUPATIONAL HEALTH.

PM 602 OCCUPATIONAL
AND ENVIRONMENTAL HEALTH. (4)

A continuation of topics in PM 601. Lecture, three hours; laboratory, two hours per week.
Prereq: PM 601 or consent of instructor.

†PM 620 EPIDEMIOLOGY.

PM 621 ADVANCED EPIDEMIOLOGY. (3)

This course provides specialized epidemiologic content and method designed to meet the research and practice needs of health professionals. Practice-based problem sets and hands-on computer assignments will complement this seminar-oriented course, focusing on the role of epidemiology in the prevention of disease and injury. Prereq: SPH 605 or consent of instructor. (Same as SPH 611.)

†PM 651 WORK PLACE VENTILATION.

PM 661 INDUSTRIAL HYGIENE SAMPLING. (3)

This course, using lectures and laboratory exercises, will cover sampling and analysis techniques for industrial hygiene assessment and monitoring. The laboratory experiments are intended to simulate typical industrial hygiene measurement situations and to provide a basis for selection of sampling techniques and critical evaluation of laboratory results. Lecture, two hours; laboratory, two hours per week. Prereq: Consent of the instructor.

PM 663 PRACTICUM IN ADVANCED
INDUSTRIAL HYGIENE. (1-3)

In this individual tutorial/internship course, the student will apply sampling and workplace hazard survey techniques to real-world problems. Evaluations of ventilation and engineering controls will be conducted and discussed, and special techniques for the evaluation of personal protective equipment and documentation of dermal exposures will be utilized. May be repeated to a maximum of six credits. Prereq: Completion of PM 601, 602, and 661.

PM 670 CLINICAL EPIDEMIOLOGY. (3)

The student will learn the fundamentals of designing clinical research studies of diagnostic tests, prognosis, and causation. Students will practice these skills through focused critiques of the medical literature and by designing clinical research studies. Prereq: PM 521 or consent of instructor. STA 570 or equivalent is recommended.

PM 675 RESEARCH DESIGN IN PUBLIC HEALTH. (4)

The techniques, strategies, and issues of conducting scientific investigations within the domain of public health and preventive medicine. Numerous theoretical and methodological approaches to public health problems will be addressed in a chronological manner that matches the sections

of a peer-reviewed journal article, e.g., background, methods, results, and discussion. Prereq: PM 521 and STA 570 and/or permission of instructor.

PM 748 MASTER'S THESIS RESEARCH. (0)

Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

PM 770 SEMINAR IN PREVENTIVE MEDICINE AND PUBLIC HEALTH. (1-3)

A special seminar focusing each semester on an important topic, such as health problems of special working groups, cancer control, and health policy issues. May be repeated to a maximum of six credits. Prereq: Consent of instructor.

PM 780 SPECIAL PROBLEMS IN PREVENTIVE MEDICINE AND PUBLIC HEALTH. (1-3)

Organized study or tutorial focused on special problems or issues. May be repeated to a maximum of six credits. Prereq: Consent of instructor.

PM 790 CHRONIC DISEASE EPIDEMIOLOGY. (3)

A survey course on the leading chronic diseases in the U.S., including cardiovascular disease, cancer and diabetes with focus on surveillance and risk factors. Prereq: Enrollment in a Public Health degree program, SPH 605/PM 620 Introduction to Epidemiology or consent of instructor. (Same as SPH 711.)

PM 825 SECOND-YEAR ELECTIVE, PREVENTIVE MEDICINE AND ENVIRONMENTAL HEALTH. (1-4)

With the advice and approval of his or her faculty adviser, the second-year student may choose approved electives offered by the Department of Preventive Medicine and Environmental Health. The intent is to provide the student an opportunity for exploration and study in an area which supplements and/or complements required course work in the second-year curriculum. Pass-fail only. Prereq: Admission to second-year medical curriculum and approval of adviser.

PM 841 PREVENTIVE MEDICINE CLERKSHIP SELECTIVE. (1-6)

The medical student working singly or in small groups will, with Preventive Medicine faculty assistance, identify a question in the broadest sense in "medicine" which can best be answered by a population-based study. This could include comparison of therapeutic techniques, status of knowledge by health provider or consumer about certain conditions or costs of care, problems of organizing health services, ethical problems, or any other population-based question amenable to study. Building on the second year experience, the project will involve identification of a question, design and conduct of the study, appropriate analysis of data, and a written and oral presentation. Prereq: Admission to College of Medicine.

PM 850-899 FOURTH-YEAR ELECTIVE FOR MEDICAL STUDENTS. (1-6)

With the advice and approval of the faculty adviser and the Student Progress and Promotions Committee, the fourth-year student may choose approved electives offered by the various departments in the College of Medicine. The intent is to provide the student an opportunity to develop his fund of knowledge and clinical competence. Prereq: Admission to the fourth year, College of Medicine and/or permission of the Student Progress and Promotions Committee.

Approved electives:

PM 852 RESEARCH IN PREVENTIVE MEDICINE AND
ENVIRONMENTAL HEALTH.